

Erik Kelly

New York-based software developer with over 20 years of full-stack development experience. Expertise in delivering scalable, comprehensive solutions across a range of industries.

WORK HISTORY

Independent Software Developer | New York, New York

Jan 2024 - Present

Developed the Museumistic iPhone app, utilizing generative AI and open API data from the Metropolitan Museum of Art to offer users an engaging way to explore artwork, understand historical context, and relationships between different cultures of given times. The app also features interactive mapping tools, enhancing the visitor experience and providing personalized museum tours.

Yahoo | New York, New York

Sr. Software Developer | Jan 2020 - Dec 2023

Developed and managed AWS-powered backend infrastructure (CloudFormation, EC2, S3, RDS) to support Drupal CMS websites. Enhanced site functionality by building custom modules to generate APIs, integrated with Next.js frontends for multiple marketing sites. Additionally, built and maintained the creative team's asset management site, a newsletter platform, and several internal sites. Led backend operations and ensured seamless integration with frontend services, optimizing performance and scalability.

ManpowerGroup | New York, New York

Sr. Software Developer | Aug 2018 - Jan 2020

Contracted by Verizon Media to migrate their primary marketing site from a proprietary CMS to Drupal, implementing a decoupled architecture where Drupal APIs powered a React.js frontend. Additionally, maintained and enhanced several existing Drupal sites, ensuring performance optimization and feature updates.

Freelance | New York, New York

Web Developer | January 2018 - August 2018

Developed websites for a variety of clients, including local communities and marketing firms, primarily utilizing WordPress to deliver user-friendly and scalable solutions tailored to client needs.

AOL | New York, New York

Lead Developer | Mar 2008 - Dec 2017

Collaborated closely with marketing and sales teams to build and manage internal and external websites, including a newsletter templating platform and a sales portal. Was a lead developer on high-traffic public sites like advertising.com and onbyaol.com. With a small team of three, managed over 20+ websites and applications, primarily using Drupal, as well as developing standalone PHP pages to support custom business needs.

GPI | New York, New York

Lead Developer | Apr 2003 - Mar 2008

Was solely responsible for designing and developing a LAMP-based website for franchise owners to customize, generate and distribute print materials for advertising campaigns.

CONTACT INFO

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SKILLS

Languages: PHP, HTML, CSS, JavaScript, Swift, Python

Frameworks/CMS: Drupal, Wordpress, Webflow, ReactJS, SwiftUI

Databases: MySQL, SwiftData, DynamoDB

Other: AWS (EC2, S3, RDS, Lambda, CloudFormation, DynamoDB, Route53, etc), Photoshop, Git, Docker, Gemini AI API

CERTIFICATIONS

AWS Cloud Practitioner (2024)

WEBSITE EXAMPLES

<https://search.yahooinc.com>

<https://www.beboundless.jp>

<https://www.advertising.yahooinc.com>

<https://www.verizonmedia.com>

<http://www.ourhealthcalifornia.org>

PROJECTS

<https://museumistic.app>